

FIG. 2

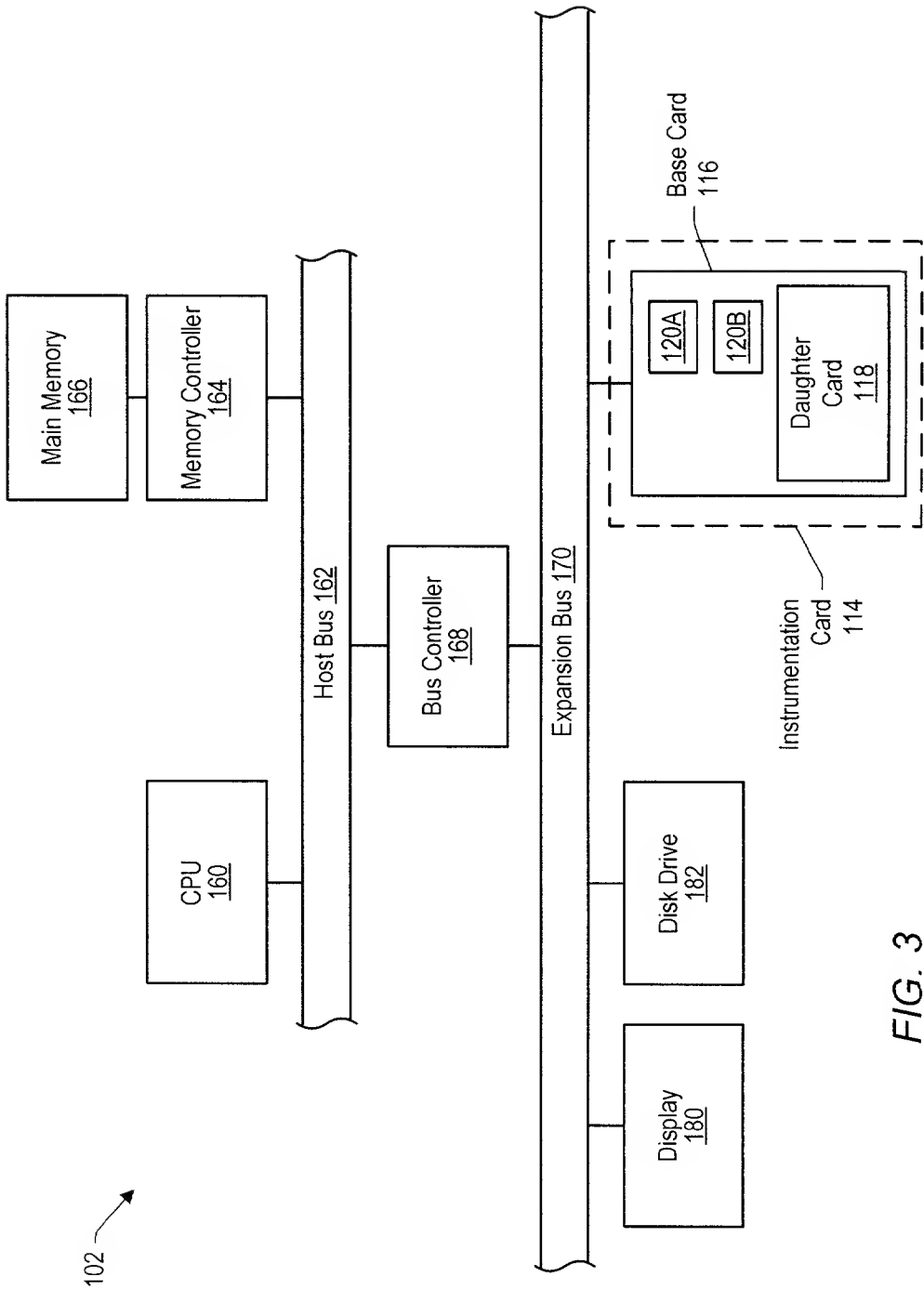


FIG. 3

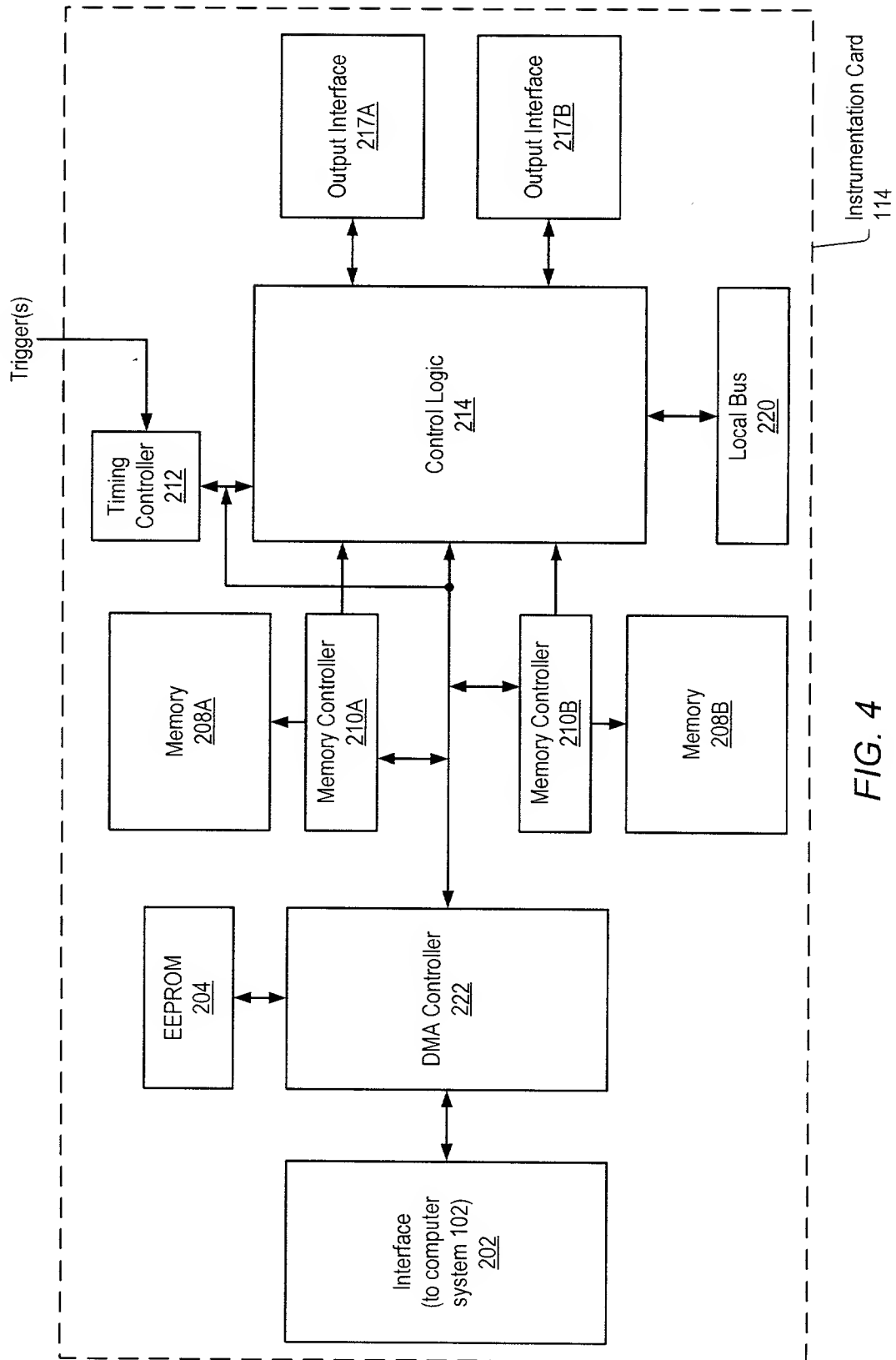


FIG. 4

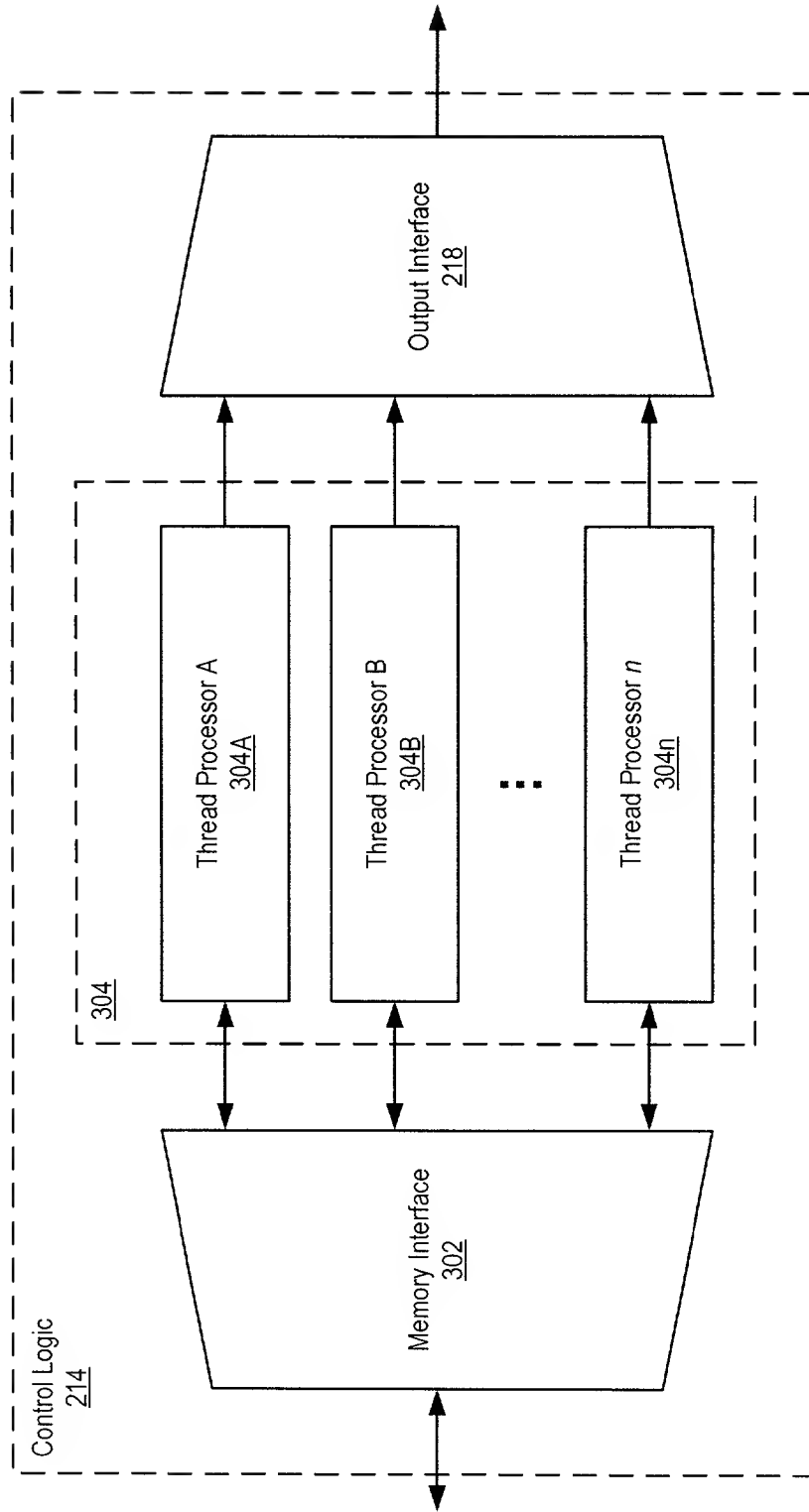


FIG. 5

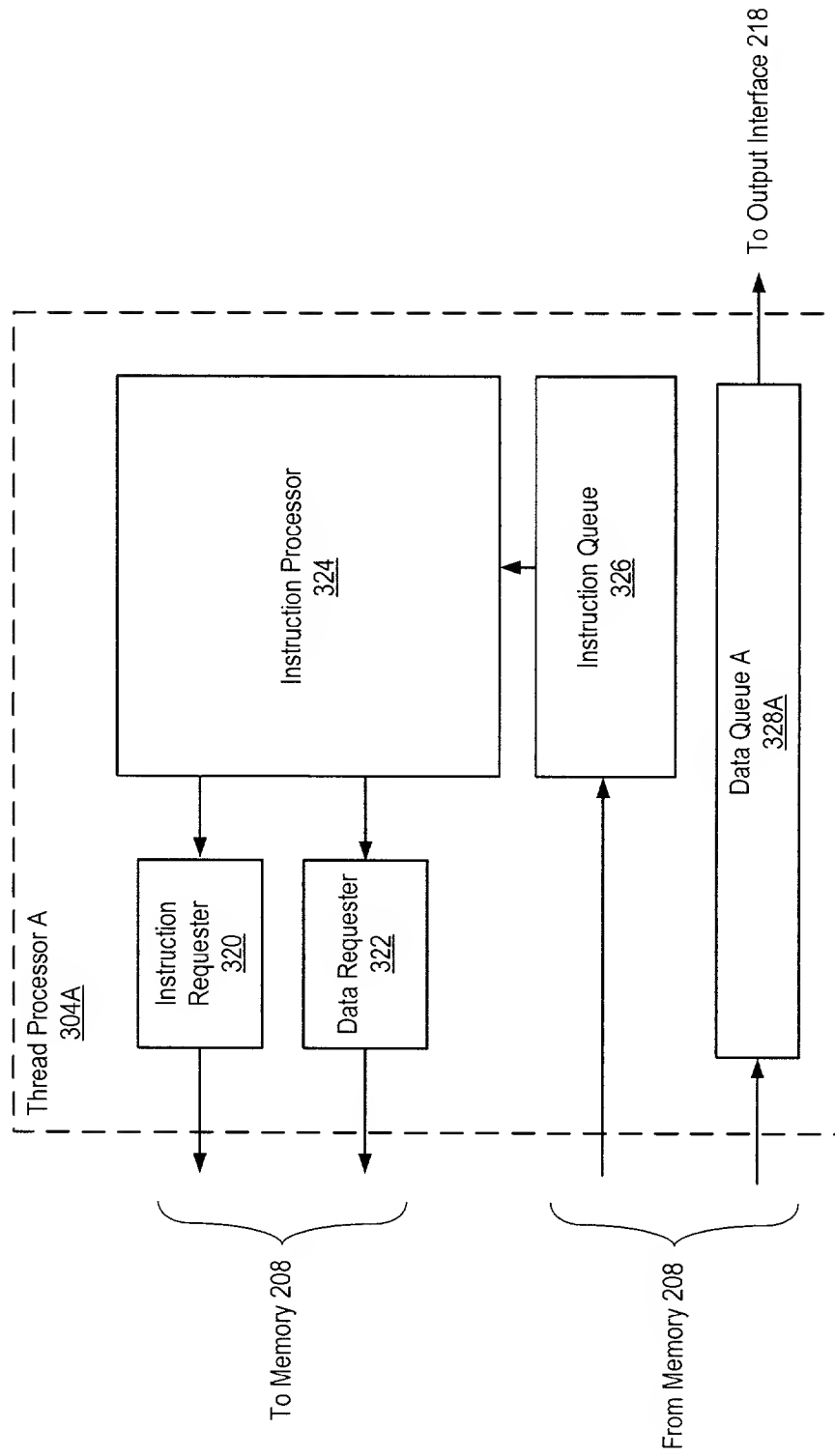


FIG. 6

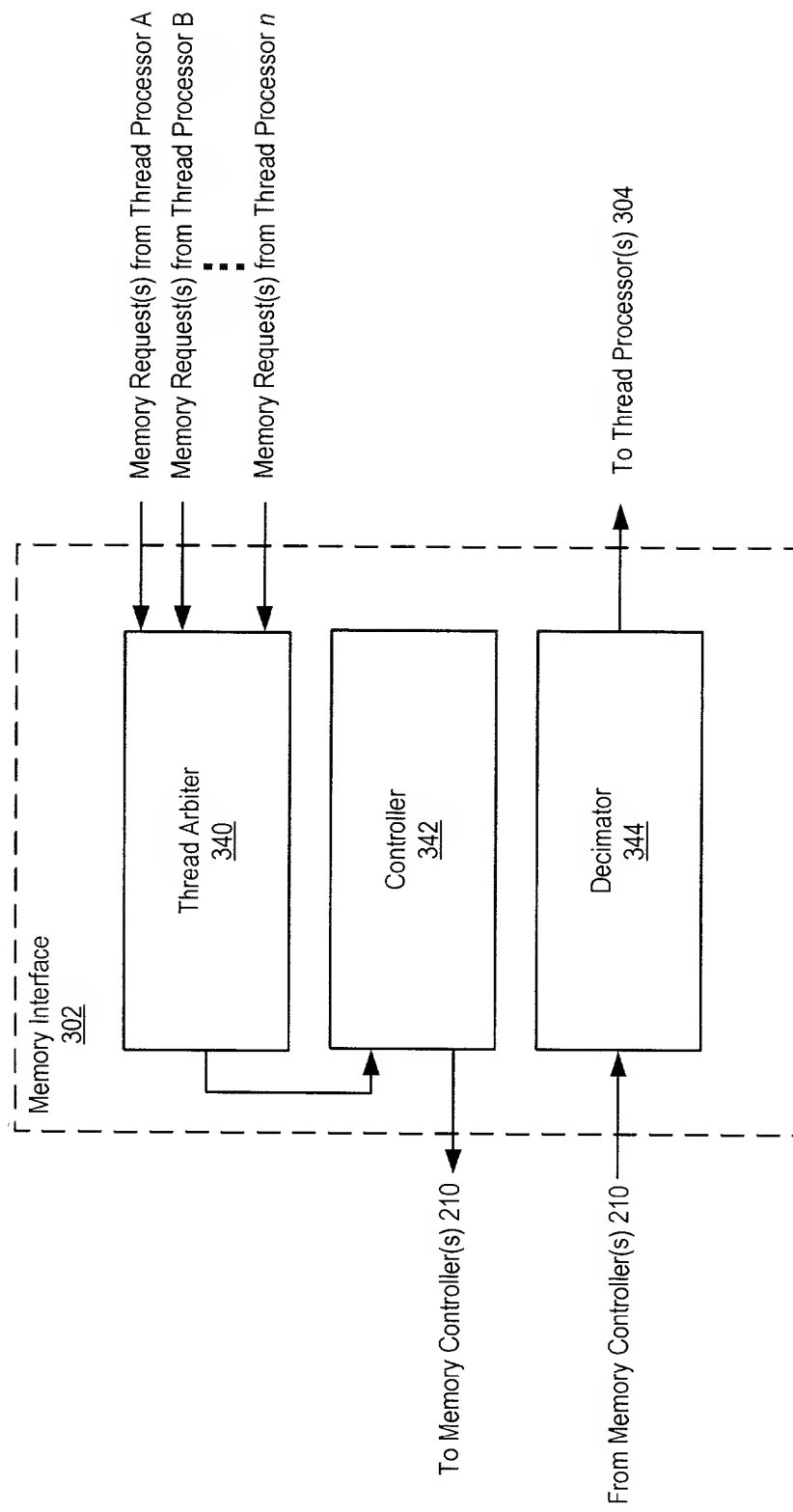


FIG. 7

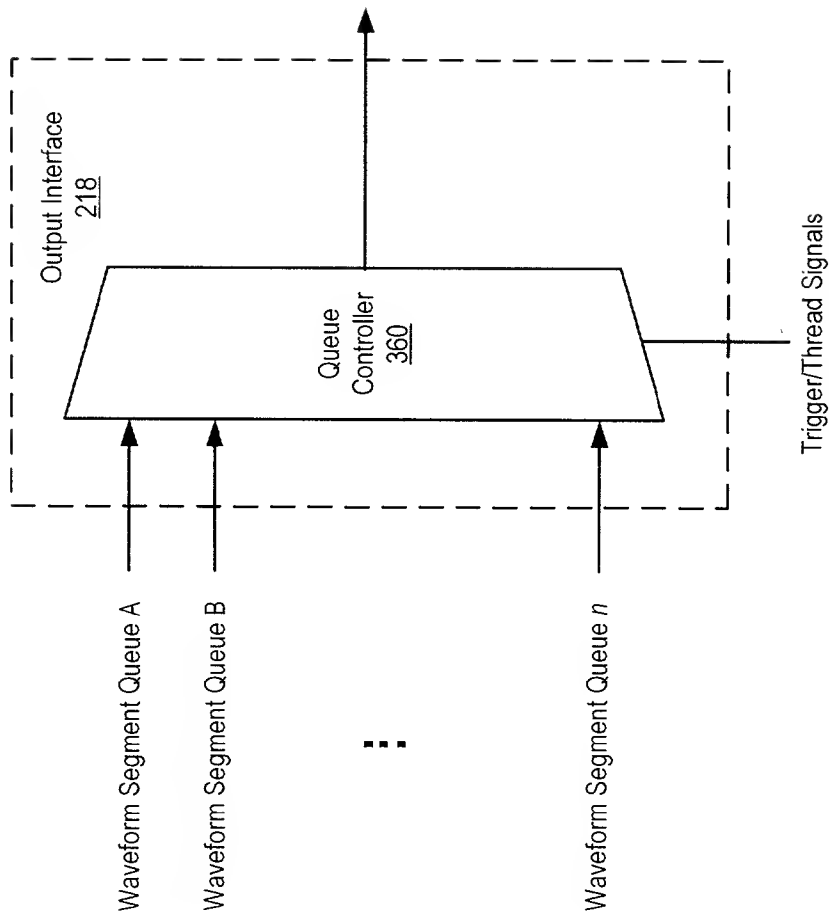


FIG. 8

Waveform Segments



FIG. 9A



FIG. 9B



FIG. 9C



FIG. 9D



FIG. 9E



FIG. 9F

Looping



FIG. 10

Linking



FIG. 11

Branching

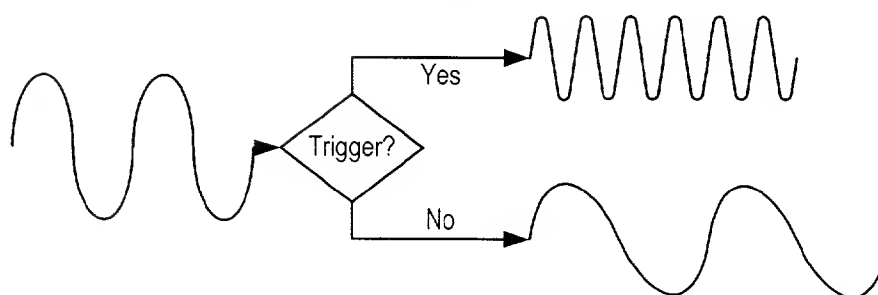


FIG. 12

```

(1) generate A
(2) generate B
(3) if Trigger1
    generate C
end if
(4) generate D
(5) generate E
(6) if Trigger2
    loop 2X
        generate C
    end loop
end if
(7) generate A
(8) if Trigger3
    generate E
end if
(9) generate E
(10) halt

```

FIG. 13A

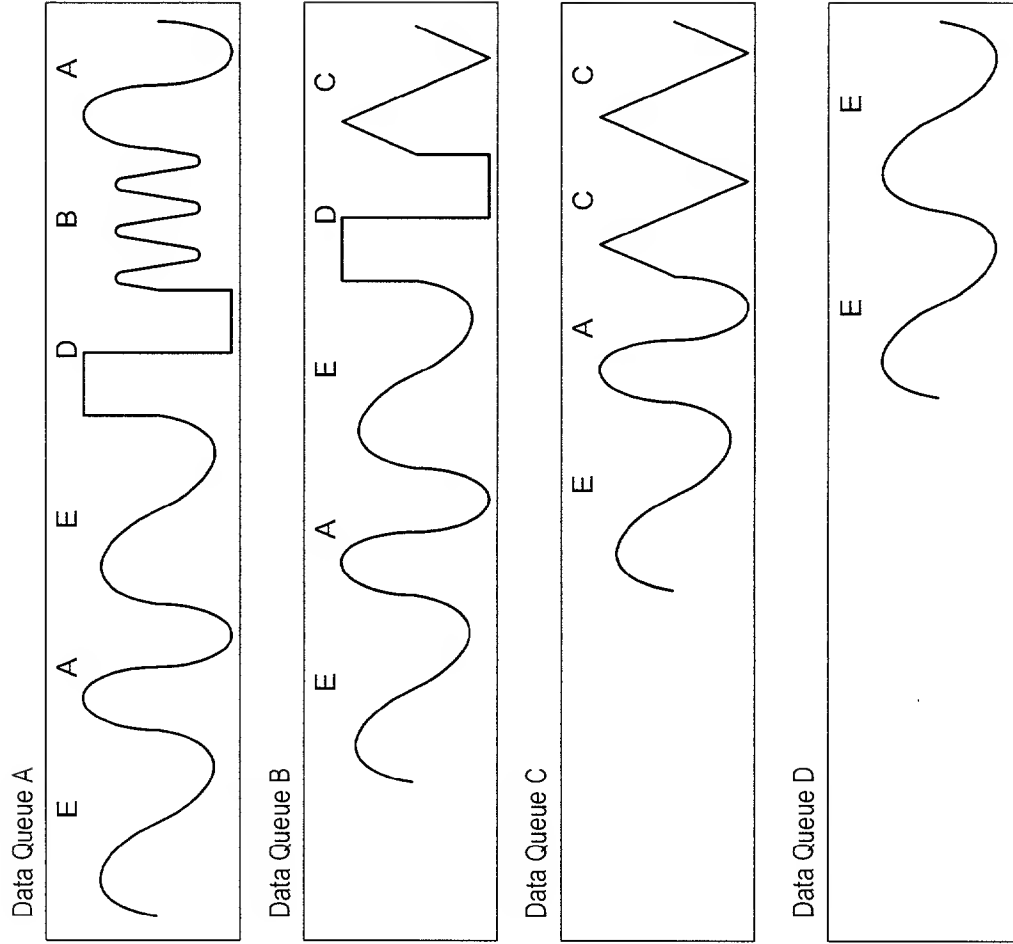


FIG. 13B

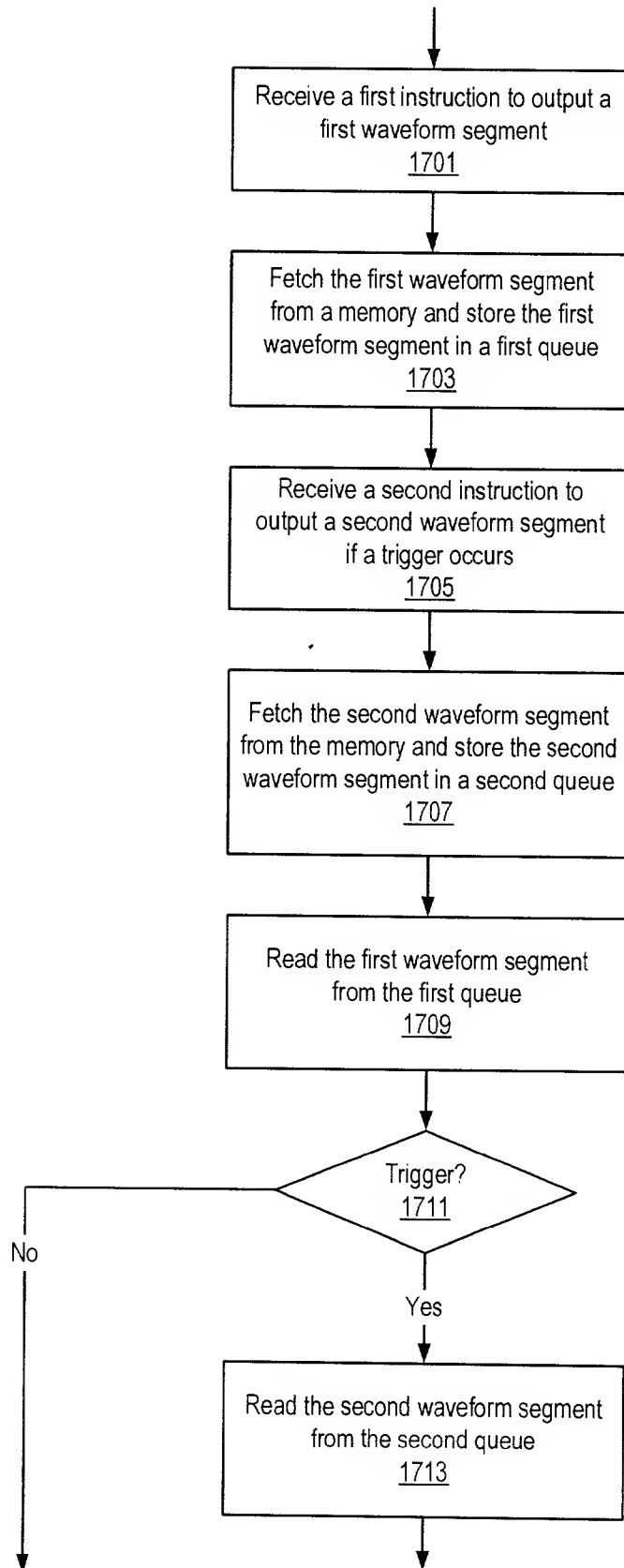


FIG. 14